SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-ITSN2 antibody

Catalog Number: SL23114R

FOR RESEARCH USE ONLY

[DATASHEET]

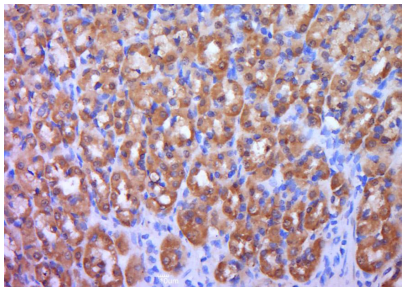
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	ITSN2
Immunogen:	KLH conjugated synthetic peptide derived from human ITSN2: 301-400/1697
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 1M PBS, pH 7.4 Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human)
Predicted MW.:	193kDa
Subcellular Location:	cytoplasmic
Background:	This gene encodes a cytoplasmic protein which contains SH3 domains. This protein is a member of a family of proteins involved in clathrin-mediated endocytosis. Intersectin 2 is thought to regulate the formation of clathrin-coated vesicles and also may function in the induction of T cell antigen receptor (TCR) endocytosis. [provided by RefSeq, Jan 2017] **Function:** Adapter protein that may provide indirect link between the endocytic membrane traffic and the actin assembly machinery. May regulate the formation of clathrin-coated vesicles. **Subunit:** Belongs to a complex that may contain multimers of ITSN1, ITSN2 and EPS15, and different partners according to the step in the endocytic process. Interacts with ADAM15. Interacts with FASLG. Interacts with ANKRD54. Interacts with FCHO2. **Subcellular Location:** Cytoplasm.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

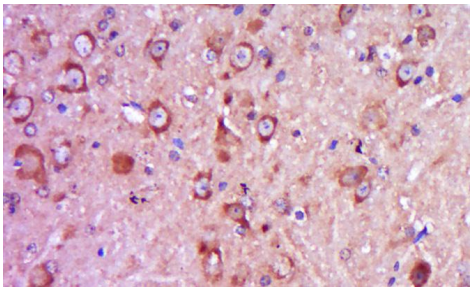
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	Tissue Specificity: Ubiquitous. Isoform 1 is primarily expressed in adult heart and liver. **Similarity:** Contains 1 C2 domain. Contains 1 DH (DBL-homology) domain. Contains 2 EF-hand domains. Contains 2 EH domains. Contains 1 PH domain. Contains 5 SH3 domains. **Database links:** **Entrez Gene:** 50618 Human Omim: 604464 Human **SwissProt:** Q9NZM3 Human **Unigene:** 432562 Human

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (rat stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Intersectin 2) Polyclonal Antibody, Unconjugated (SL23114R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Intersectin 2) Polyclonal Antibody, Unconjugated (SL23114R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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